



## CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date February 23, 2006 Name: Anthony P. Curtis, Ph.D. Signature:

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                     |   |                 |           |
|---------------------|---|-----------------|-----------|
| Applicants:         | Naoya HASEGAWA, et al.  | Examiner:       |           |
| Serial No.:         | 10/619,341  | Heinz, Allen J. |           |
| Filed:              | 07/14/2003  | Art Unit:       | 2653      |
| For:                | MAGNETIC SENSOR WITH SECOND ANTIFERROMAGNETIC LAYER<br>HAVING SMALLER DEPTH IN HEIGHT DIRECTION THAN FREE LAYER |                 |           |
| Attorney Docket No: | 9281-4603   | Client Ref. No. | N US02004 |

## TRANSMITTAL

Mail Stop: Amendment  
Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

Attached are:

- ☒ **Transmittal Letter (in dup); Response to Office Action of 11/30/2005 (7 pgs); Supplemental Information Disclosure Statement; PTO Form 1449; and**
- ☒ **Return Receipt Postcard**

Fee calculation:

- ☐ An extension fee in the amount of \$\_\_\_\_\_ for a \_\_\_\_\_-month extension of time under 37 C.F.R. § 1.136(a).
- ☐ An additional filing fee has been calculated as shown below:

|   |                                  |       |                                 |               | Small Entity |           |    | Not a Small Entity |           |
|---|----------------------------------|-------|---------------------------------|---------------|--------------|-----------|----|--------------------|-----------|
|   | Claims Remaining After Amendment |       | Highest No. Previously Paid For | Present Extra | Rate         | Add'l Fee | or | Rate               | Add'l Fee |
| Total                                     |                                  | Minus |                                 |               | x \$25=      |           |    | x \$50=            |           |
| Indep.                                    |                                  | Minus |                                 |               | x 100=       |           |    | x \$200=           |           |
| First Presentation of Multiple Dep. Claim |                                  |       |                                 |               | +\$180=      |           |    | +\$360=            |           |
|   |                                  |       |                                 |               | Total        | \$        |    | Total              | \$        |

Fee payment:

- ☐ A check in the amount of \$\_\_\_\_\_ is enclosed.
- ☒ Please charge Deposit Account No. 23-1925 in the amount of **\$180.00** for the Supplemental Information Disclosure Statement. A copy of this Transmittal is enclosed for this purpose.
- ☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Date 2/23/06

Respectfully submitted,

Anthony P. Curtis, Ph.D. (Reg. No. 46,193)  
Agent for Applicants